

What is claimed is:

1. An information processing system comprising:

an information processing device;

5 a storage device which has a plurality of storage areas and a storage section storing a security management table for registering information about access enable/disable to each of the plurality of storage areas from the information processing device;

10 a network converter connected to the information processing device and the storage device so as to be communicable; and

a management terminal connected to the storage device and the network converter so as to be communicable,

15 wherein the network converter further comprises:

a first protocol conversion section which converts data received from the information processing device according to a first protocol into data having a form determined by a Fibre Channel protocol and transmits the data to the storage device;

20 a second protocol conversion section which converts data received from the storage device according to the Fibre Channel protocol into data having a form determined by the first protocol and transmits the data to the information processing device;

25 a conversion table storage section which stores in a conversion table a combination of a first identification number which is a number for identifying the information processing device and the storage device according to the first protocol, and a second identification number which is a number for
30 identifying the information processing device and the storage

device according to the Fibre Channel protocol;

a first identification number conversion section which converts the first identification number into the second identification number in accordance with contents stored in the conversion table; and

a second identification number conversion section which converts the second identification number into the first identification number in accordance with contents stored in the conversion table,

wherein the management terminal notifies the storage device of information about access enable/disable to each of the plurality of storage areas from the information processing device, determines a combination of the first identification number and the second identification number related to each of the information processing device and the storage device based on the information about the access enable/disable and notifies the network converter of information about the combination of the first identification number and the second identification number.

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2. An information processing system according to claim 1, wherein the management terminal notifies the conversion table storage section of a combination of the first identification number and the second identification number only for the storage device and the information processing device for which access to the storage device is enabled.

3. An information processing system according to claim 2, wherein the first protocol is an iSCSI protocol and the first identification number is an iSCSI name.

4. An information processing system according to claim 3,
wherein the second identification number is a Node_Name.
- 5 5. An information processing system according to claim 3,
wherein the second identification number is an
N_Port_Name.
- 10 6. An information processing system according to claim 3,
wherein the second identification number is a combination
of the Node_Name and the N_Port_Name.
- 15 7. A network converter connected to an information
processing device and a storage device so as to be communicable,
comprising:
a first protocol conversion section which converts data
received from the information processing device according to
a first protocol into data having a form determined by a Fibre
Channel protocol and transmits the data to the storage device;
20 a second protocol conversion section which converts data
received from the storage device according to the Fibre Channel
protocol into data having a form determined by the first
protocol and transmits the data to the information processing
device;
25 a conversion table storage section which stores in a
conversion table a combination of a first identification number
which is a number for identifying the information processing
device and the storage device according to the first protocol,
and a second identification number which is a number for
30 identifying the information processing device and the storage

device according to the Fibre Channel protocol;

a first identification number conversion section which converts the first identification number into the second identification number in accordance with contents stored in the conversion table; and

a second identification number conversion section which converts the second identification number into the first identification number in accordance with contents stored in the conversion table.

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8. A network converter according to claim 7,
wherein the first protocol is an iSCSI protocol and the first identification number is an iSCSI name.

15 9. A network converter according to claim 8,
wherein the second identification number is a Node_Name.

10. A network converter according to claim 8,
wherein the second identification number is an
20 N_Port_Name.

11. A network converter according to claim 8,
wherein the second identification number is a combination of the Node_Name and the N_Port_Name.